

Buy America

Requirement for Federal Aid Projects

23 CFR 635.410



Learning Outcomes

- Certify Compliant Materials
- Identify Buy America Compliance
- Describe Buy America
- Apply Buy America Provisions
- Project Segmentation

How to Certify Materials

- “All Manufacturing Processes must occur in the United States”
- See Special Provision for Use of Domestic Material
- Prior to incorporation of Material into project, the Contractor shall furnish a Certificate of Compliance

SOLD
TO:

CERTIFIED MILL TEST REPORT

Ship from:

SHIP
TO:Date: 2-May-2013
B.L. Number:
Load Number:Material Safety Data Sheets are available at www.nucorbar.com or by contacting your inside sales representative.

NBMG-08 January 1, 2012

LOT # HEAT #	DESCRIPTION	PHYSICAL TESTS					CHEMICAL TESTS									
		YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% DEF	C Ni	Mn Cr	P Mo	S V	Si Cb	Cu Sn	C.E.			
WL1381000129 AU13100505	Nucor Steel - Connecticut 4X4 D4/D4 8'X15' GRD. 70 -ASTM-A1064 Conforms to ASTM A1064-12 (A497) WWR Gr70 Melted 01/24/13 Rolled 04/24/13		101,350 699MPa		OK		.06 .10	.48 .13	.013 .026	.043	.15	.33 .016				
							AVWSHR 1570 - AVERAGE OF FOUR(4) WELD SHEAR TESTS.									
WL1382000100 DL13101278	Nucor Steel - Connecticut, Inc. 6X6 W1.4/W1.4 5'X150' 9 PCS GRD. 65-ASTM-A1064 Conforms to ASTM A1064-12 (A185) WWR Gr65 Melted 02/26/13 Rolled 05/02/13		116,846 806MPa		OK		.07 .10	.44 .08	.009 .020	.014	.18	.39 .016				
							AVWSHR 999									
WL1385000065 DL12106899	Nucor Steel - Connecticut, Inc. 6X6 W1.4/W1.4 5'X10' style GRD.65 -ASTM-A1064 Conforms to ASTM A1064-12 (A185) WWR Gr65 Melted 11/23/12 Rolled 03/07/13 Example WWR mill test report prepared for NPCA.		118,904 820MPa		OK ↑ indicates pass/fail results for		.06 .08	.45 .10	.009 .020	.032	.18	.33 .016				
							AVWSHR 972									
Chemistry of the steel not required by ASTM A1064. NSCT includes this information to maintain a consistent look and feel across all product mill cert 1/6																

Certification Statement:

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

1) Weld repair was not performed on this material.

2) melted and manufactured in the United States.

3) Mercury, Radium or Alpha source materials in any form have not been used...

30°
90°

Certification Statement:

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

1) Weld repair was not performed on this material.

2) melted and manufactured in the United States.

3) Mercury, Radium or Alpha source materials in any form have not been used...

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

- 1) Weld repair was not performed on this material.
- 2) Melted and Manufactured in the United States.
- 3) Mercury, Radium, or Alpha source materials in any form have not been used in the production of this material.

QUALITY
ASSURANCE:

John P.

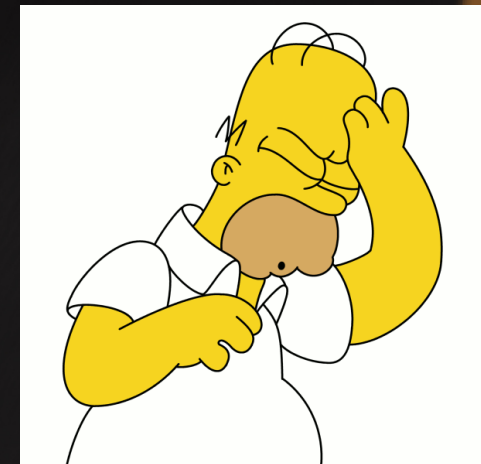
Buy America Compliance

- Steel mill test report from Moscow

D'oh!

STINOL		АО "НОВОЛИПЕЦКИЙ МЕТАЛЛУРГИЧЕСКИЙ КОМБИНАТ" NOVOLIPETSK IRON & STEEL CORPORATION							
Продавец (Экспортер) Seller (Exporter) VO TIAJPROMEKSPORT 113324 MOSCOW OVCHINNICOVSKAJA NAB,18/1 Получатель, адрес, страна: 840 INTERNATIONAL GROUP LTD ROAD TOWN, TURKOLEA ENT BUILDING, WICHAMARE, CA		СЕРТИФИКАТ КАЧЕСТВА № 119102 Quality certificate от 23/12/96 from 23/12/96 Контракт № 44-166/06700-147 Contract No от 28/05/96 from 28/05/96 Заказ № 241654 -96 Order No Вагон № 42565234 Freight Car No.							
Наименование и код товара Description and code of goods HOT ROLLED COILS		СТАНДАРТ Standard ГОСТ 3803	Колич. Quantity 3						
№ п.п. Item No.	№ поз. Pos. No.	Номер партии Nos. of Heat	Группа прочности Group (class) of strength	Марка стали Grade of Steel	Размер, мм Dimensions, mm	Вес, кг Weight, kg	Масса (гр.) Mass (g)	Масса (кг) Mass (kg)	
1	1	1662960	1020	4.57	1210	366	20710	20700	
2	1	1662960	1020	4.57	1210	367	20510	20500	
3	1	1662960	1020	4.57	1210	368	20410	20400	
						61630	61600		
Показатели качества товара: Chemical composition, %									
№ п.п. Item No.	№ поз. Pos. No.	Номер партии Nos. of Heat	C	Mn	P	S	Al	Cr	Ni
1	1	1662960	.17	.03	.016	.011	.038	.01	.03
2	1	1662960	.17	.03	.016	.011	.038	.01	.03
3	1	1662960	.17	.03	.016	.011	.038	.01	.03
Механические свойства Mechanical Properties									
№ п.п. Item No.	№ поз. Pos. No.	Номер партии Nos. of Heat	Предел прочности Tensile strength	Предел текучести Yield strength					
1	1	40023	457.0	357					
2	1	40023	457.0	357					
3	1	40023	457.0	357					
Примечание Note: Дополнительная маркировка покупателя Additional marking of Foreign Buyer Подтверждено, что результаты проверки соответствуют согласованным условиям поставки. This is to certify, that the test results are in agreement with the specifications.									

113324 MOSCOW
OVCHINNICOVSKAJA NAB,18/1



What is Step Certification?

- Step certification is a process
 - Each handler (supplier, fabricator, manufacturer, processor, etc) of the iron and steel products
 - Certifies that their step in the process was domestically performed.
- Process applies to cases where the material has multiple manufacturing steps
 - Melting, rolling, coating, etc.

Field Inspection



- Step Certification
- Inspector's responsibility to verify and document at the time of delivery to the project site
 - One cert for each process
 - Mill Cert
 - Fabrication Cert (Cutting, Welding, Drilling Holes, etc.)
 - Separate Certs for bolts, nuts, washers, any connectors, etc.
 - A Cert for the location of the coating with paint or galvanization.

Record Keeping

- Maintain accurate and complete Certifications related to Buy America throughout the life of the project.
- Retain supporting project documentation for a minimum of three years to allow time for audits.

RECORDS RETENTION

- RETAIN CRITICAL
SUPPORT DOCUMENTS



Buy America

- 23 USC 313 (law)
- 23 CFR 635.410 (regulation)
- All Federal-aid construction projects
- Applicable to IRON & STEEL only
- Minimal use = 0.1% (contract value) or \$2500 whichever is greater
- Must be certified

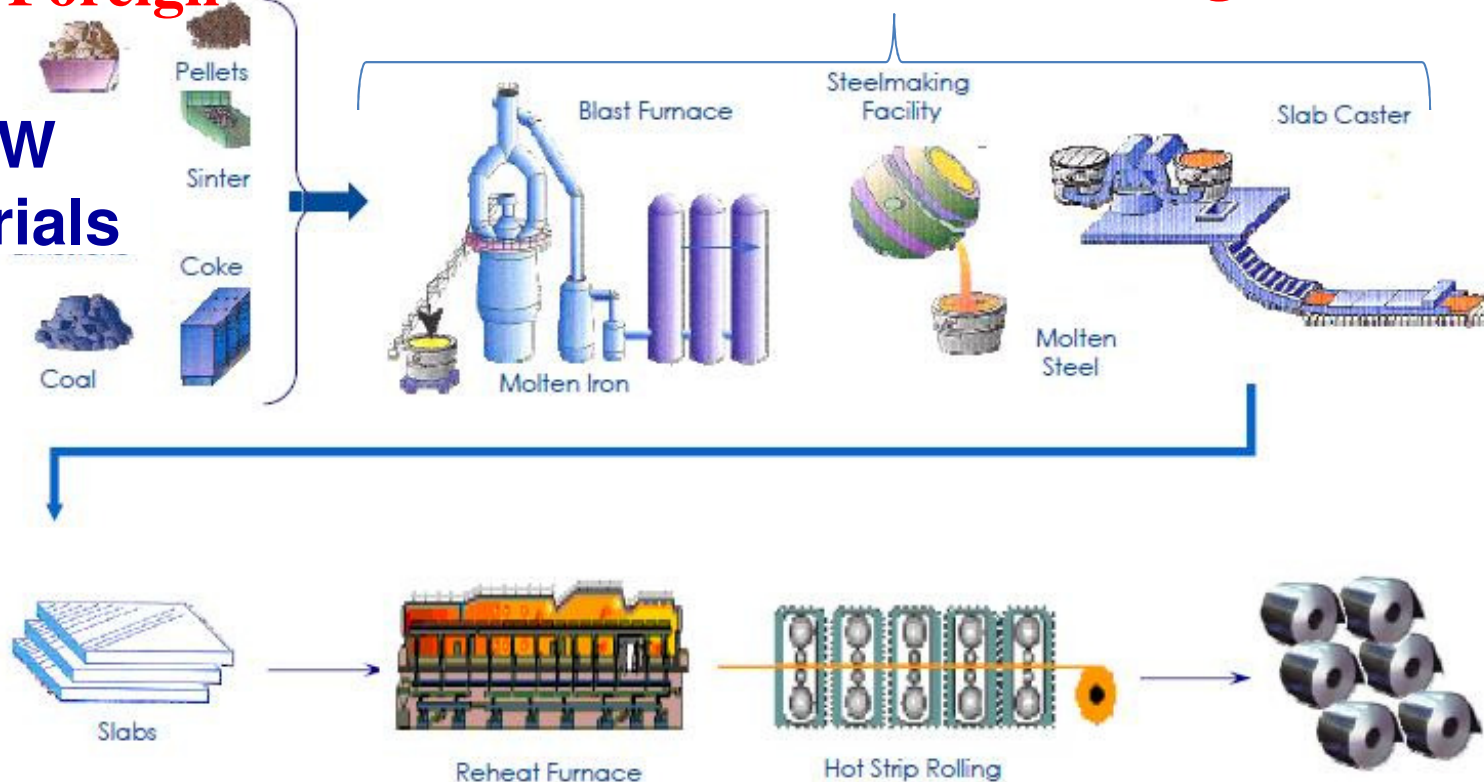
Buy America Coverage

Integrated Mill Producing Sheet Products

**Can be
Foreign**

Domestic Manufacturing

**RAW
Materials**



Buy America Coverage

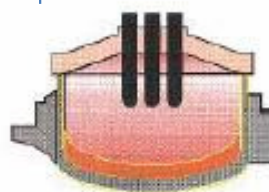
EAF Mini-Mill Producing Sheet Products

**Can be
Foreign**



SCRAP

Domestic Manufacturing



Federal Aid Resources

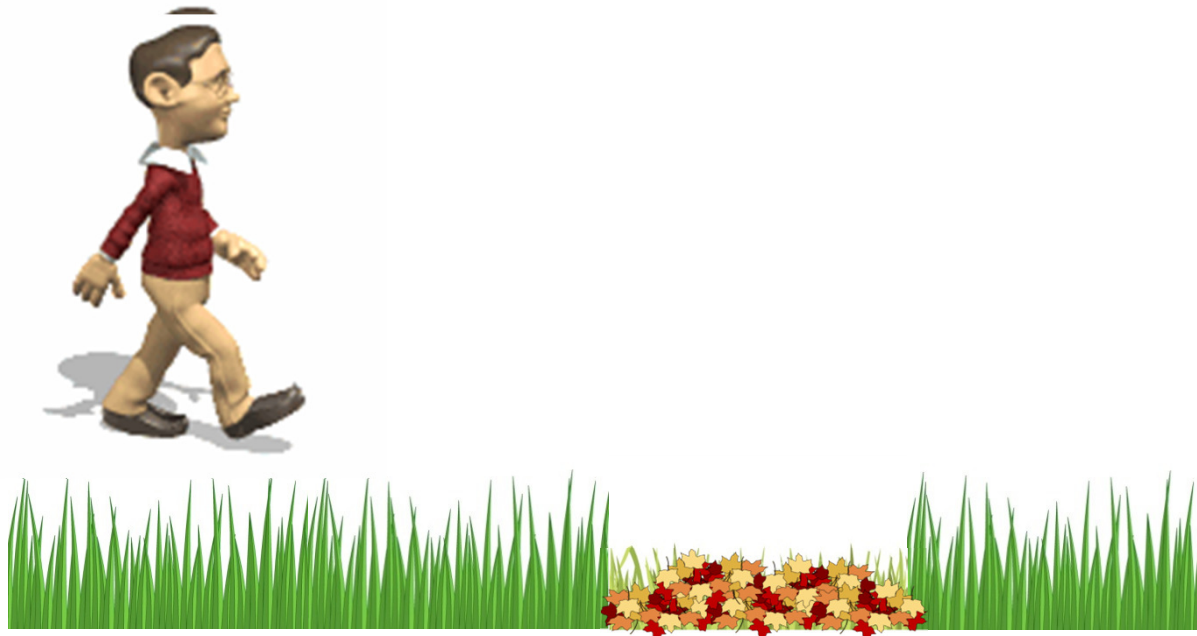
- Federal Aid [Essentials](#)
- Website of short videos of Federal Regulations
- [Buy America Field Compliance Video](#)

MAP-21

- Buy America Applies to Entire Project
- Not Just the Federal-Aid Contracts within the Project Limits.
- Ramification...?

Project Segmentation

A ← **Project limits as defined by NEPA** → **B**



Phase 1:
Fed \$

Phase 2:
Fed \$

Phase 3:
Local \$

Phase 4:
Fed \$

Review: Learning Outcomes

- Identify Buy America Compliance
- Describe Buy America
- Apply Buy America Provisions
- Resources
- Segmentation

Questions?

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